Build a Glass Top Coffee Table with Drawers

Fabulous Coffee Table Plans Featuring a Glass Top and Drawers

These plans are for an ultra-stylish piece of furniture! These coffee table plans have such a fabulous look with the glass top and double drawers! Yes, *double* drawers – there is a drawer on each side as well as a shelf which is a fabulous use of space!

Materials:

- 1-1/4” pocket hole screws
- 2-1/2” pocket hole screws

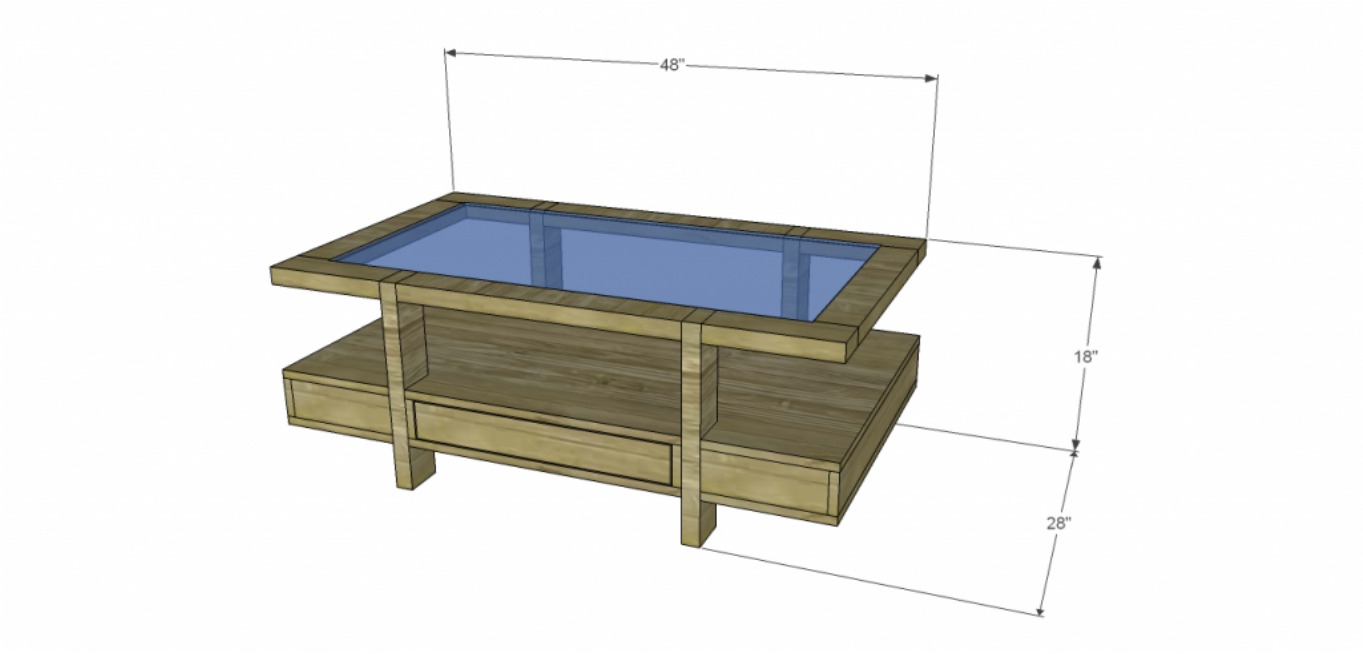
- 1-1/4” brad nails
- Edge banding, optional
- Router & ¼” rabbeting bit
- Hammer & chisel
- Jig saw
- Pocket hole jig
- 2 sets of 12” drawer slides
- 2 drawer pulls
- 3/8” thick glass, acrylic, or plexiglas
- Wood Glue
- Sandpaper (100, 150, 220 grits)
- Finishing supplies (primer & paint, or stain, sealer)

Lumber:

- 2 – 1×3 at 8’
- 3 – 1×4 at 8’
- 3 – 2×4 at 8’
- 1 sheet of ¾” plywood

Cut List:

- 2 – ¾” plywood at 28” x 48” – Bottom & Shelf
- 8 – 2×4 at 18” – Legs
- 4 – 1×4 at 9-3/4” – Frame
- 8 – 1×4 at 28” – Frame & Supports
- 4 – 2×4 at 10-1/2” – Top Frame
- 2 – 2×4 at 21” – Top Frame
- 2 – 2×4 at 24” – Top Frame
- 2 – ¾” plywood at 10-1/2” x 20” – Drawer Box Bottoms
- 4 – 1×3 at 10-1/2” – Drawer Box Sides
- 4 – 1×3 at 21-1/2” – Drawer Box Front & Back
- 2 – ¾” plywood at 3-1/4” x 22-1/4” – Drawer Fronts

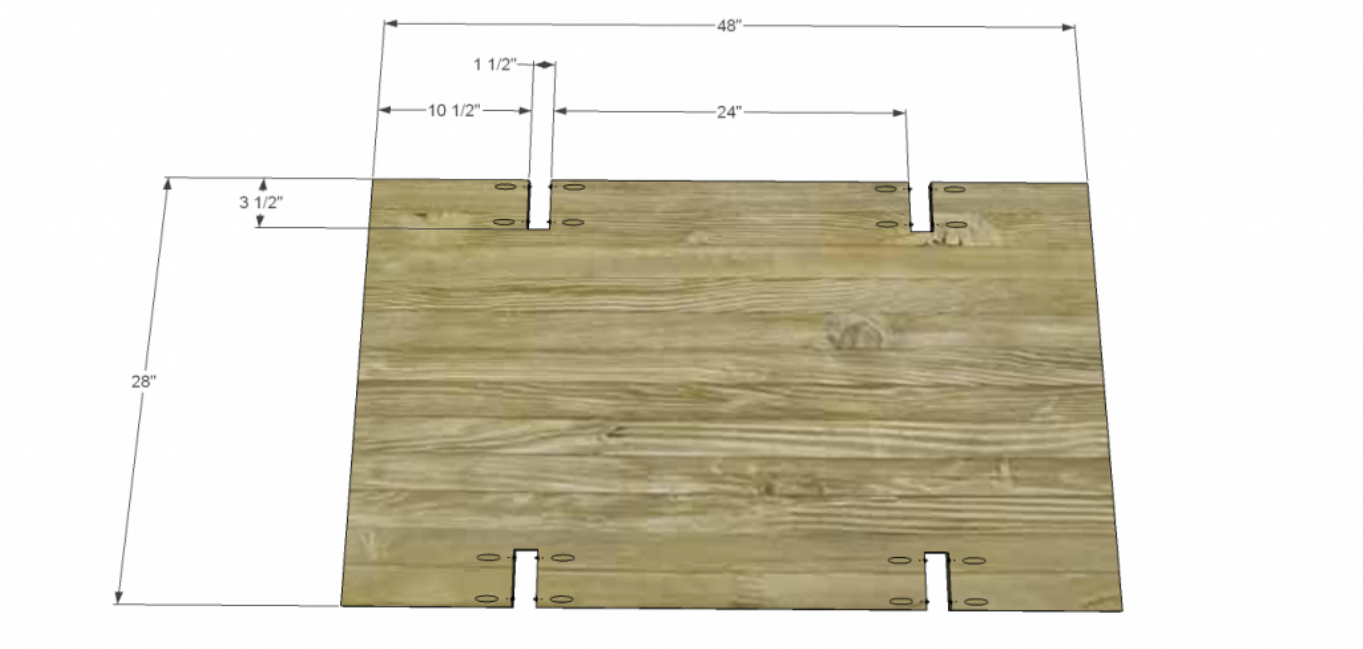


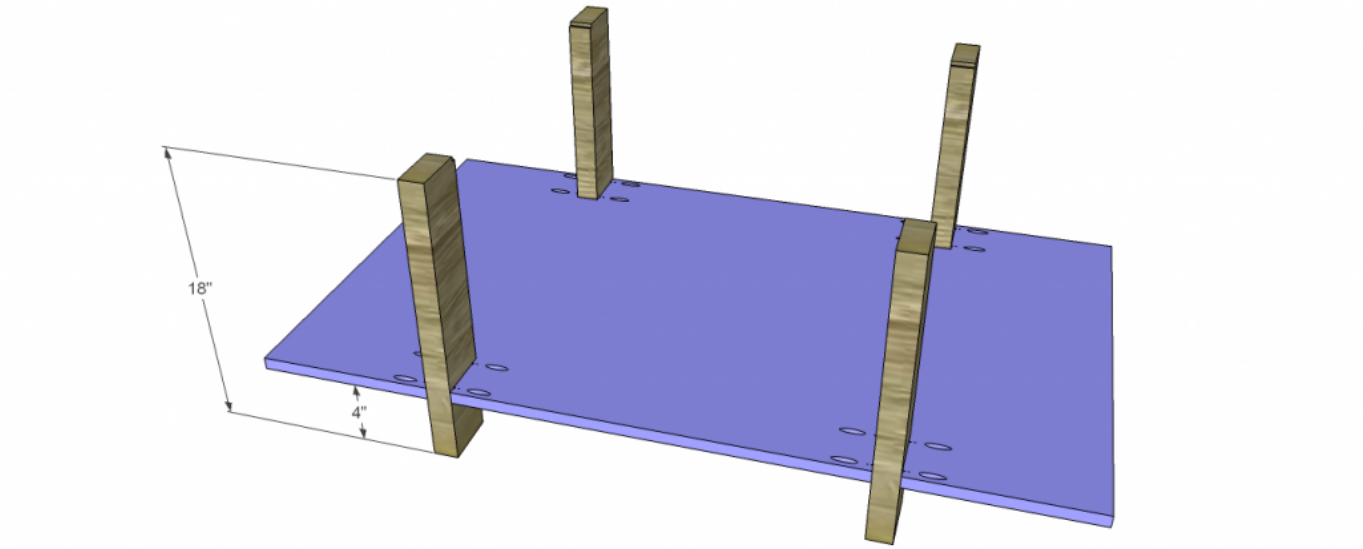
Click on the drawings for a larger view!

If using edge banding, it will be applied to the exposed edges of the plywood before assembly.

Step One

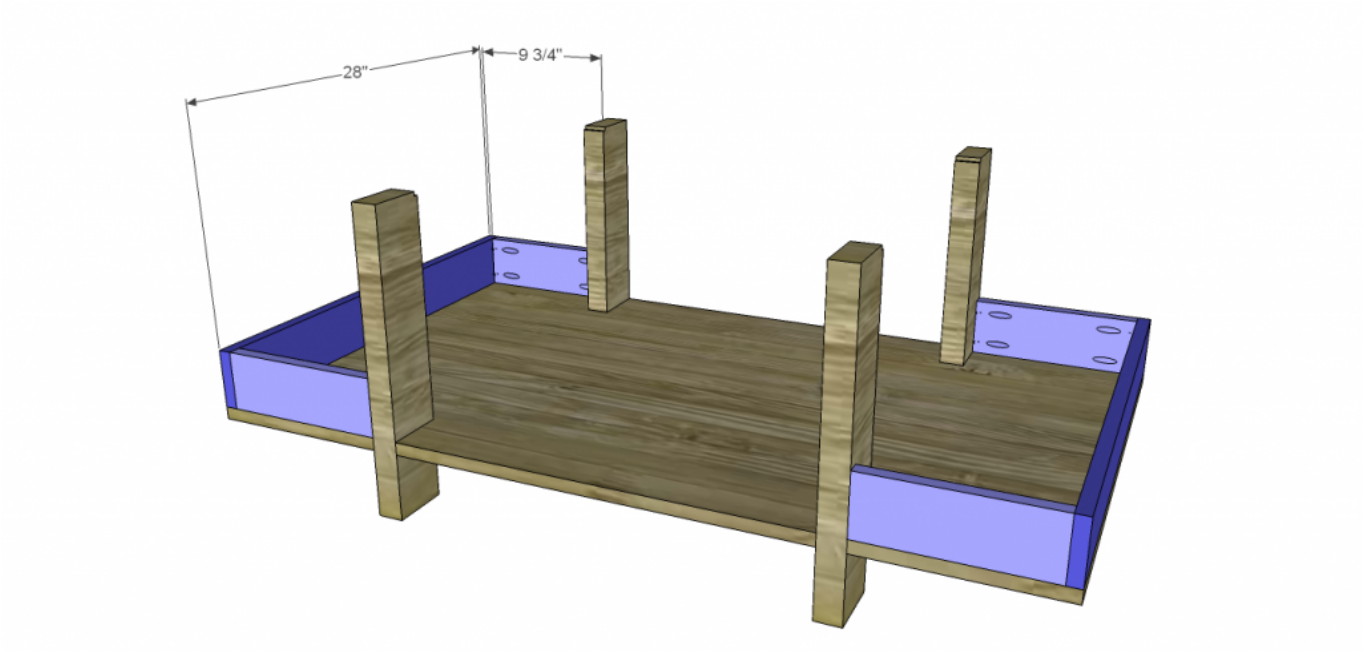
Cut the pieces for the bottom and the legs. Draw the notches on the bottom piece as shown, then cut out using a jigsaw. With the pocket hole jig set for ¾” material, drill pocket holes as shown. This will secure the shelf to the legs. Position the shelf 4” up from the bottom of the legs and secure using glue and 1-1/4” pocket hole screws.





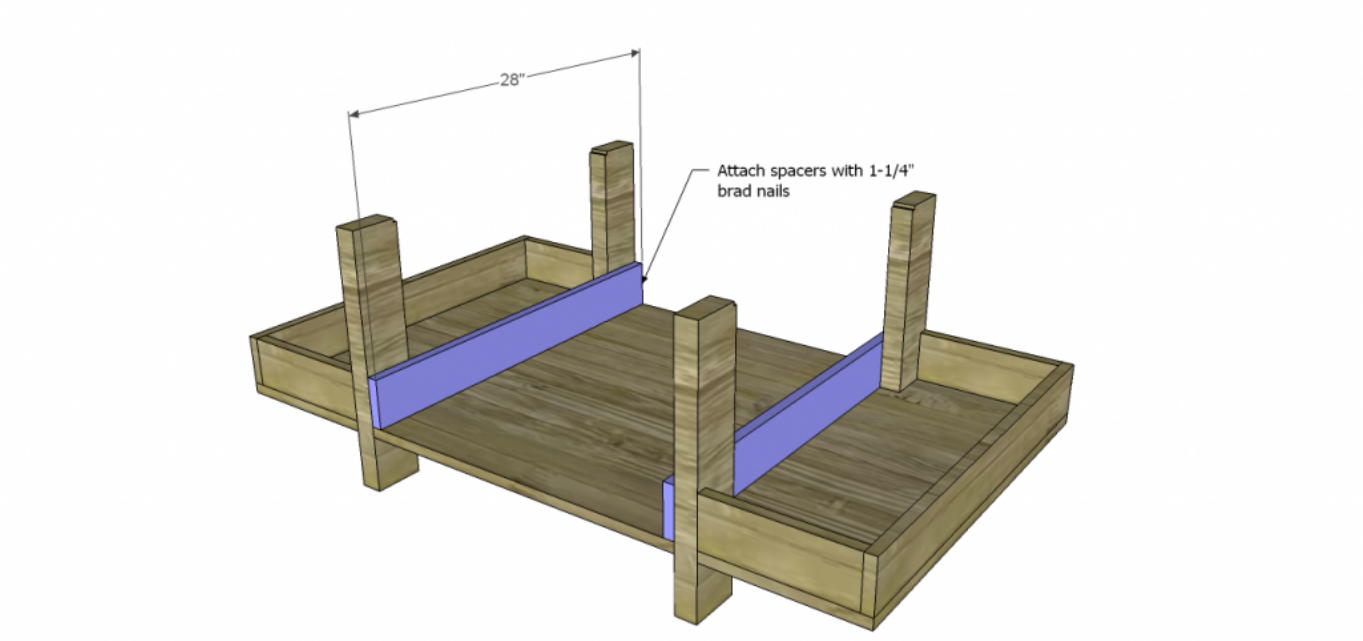
Step Two

Cut the pieces for the frame and drill pocket holes in each end of the shorter pieces. Position the frame pieces as shown then secure using glue and 1-1/4” pocket hole screws. To further secure the frame to the bottom, a few brad nails can be driven from the underside of the bottom into the frame.



Step Three

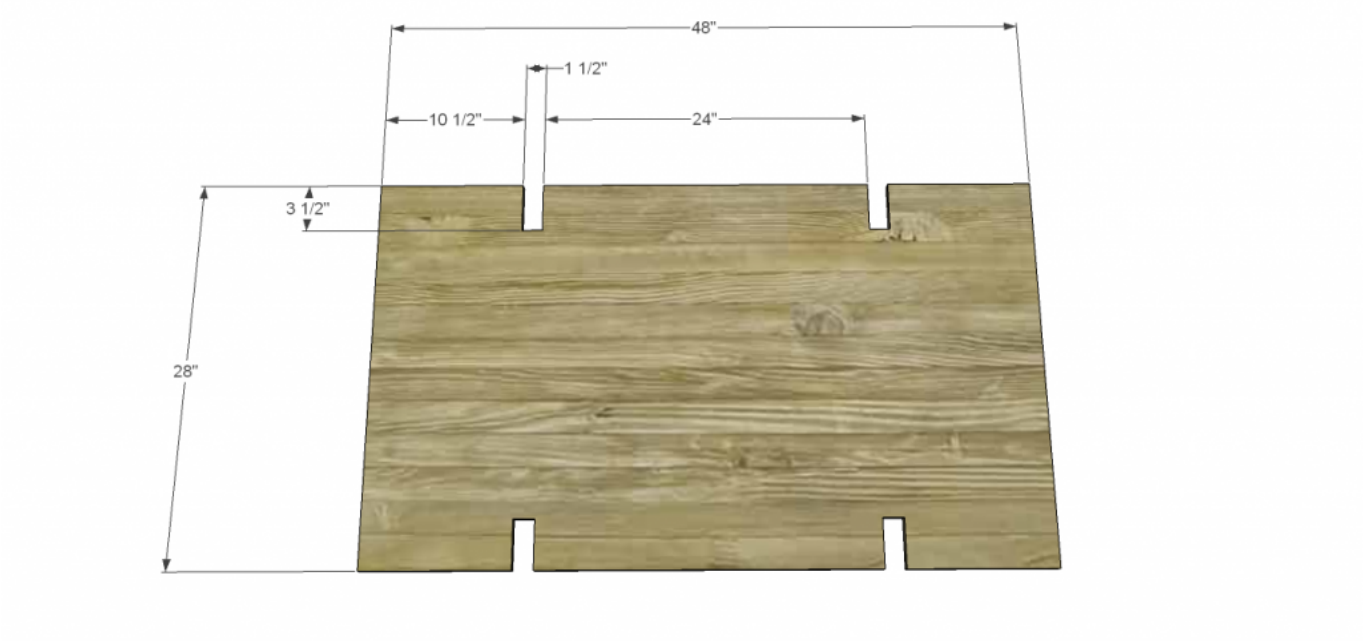
Cut the pieces for the supports. Position as shown then secure using glue and 1-1/4” brad nails.



Step Four

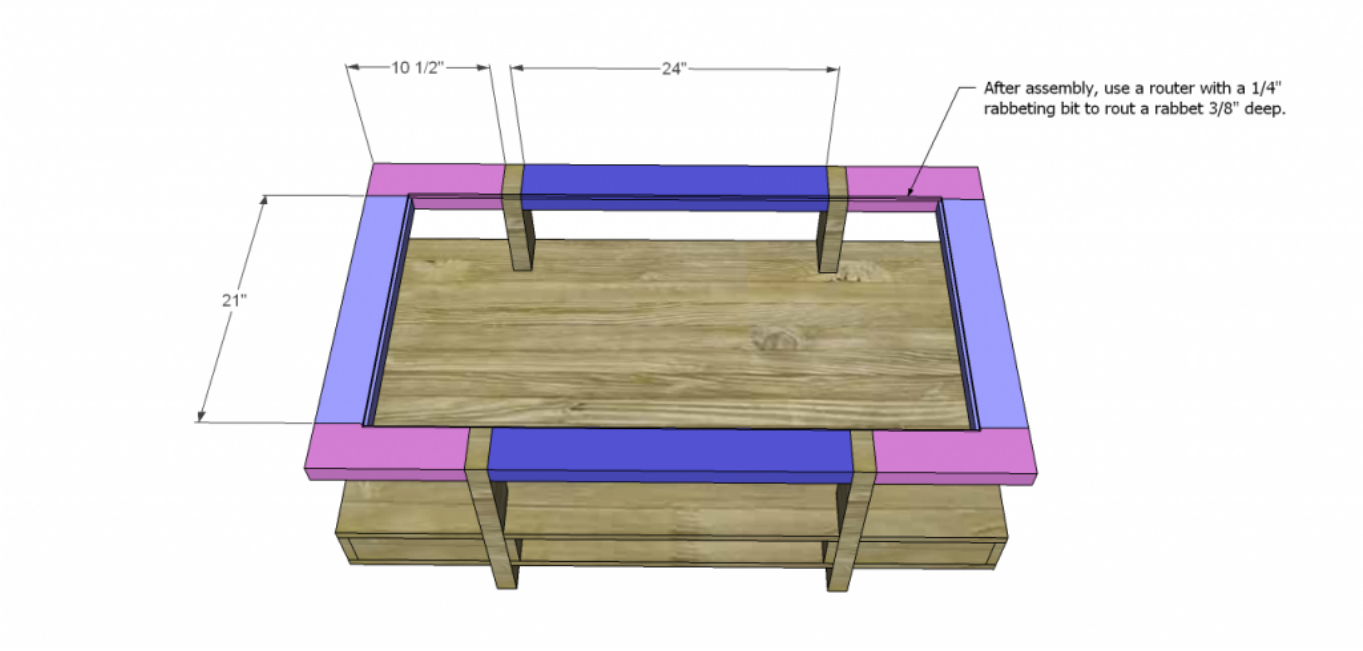
Cut the piece for the shelf. Draw the notches on the shelf piece as shown, then cut out using a jigsaw. Position the top

then secure using glue and 1-1/4” brad nails.



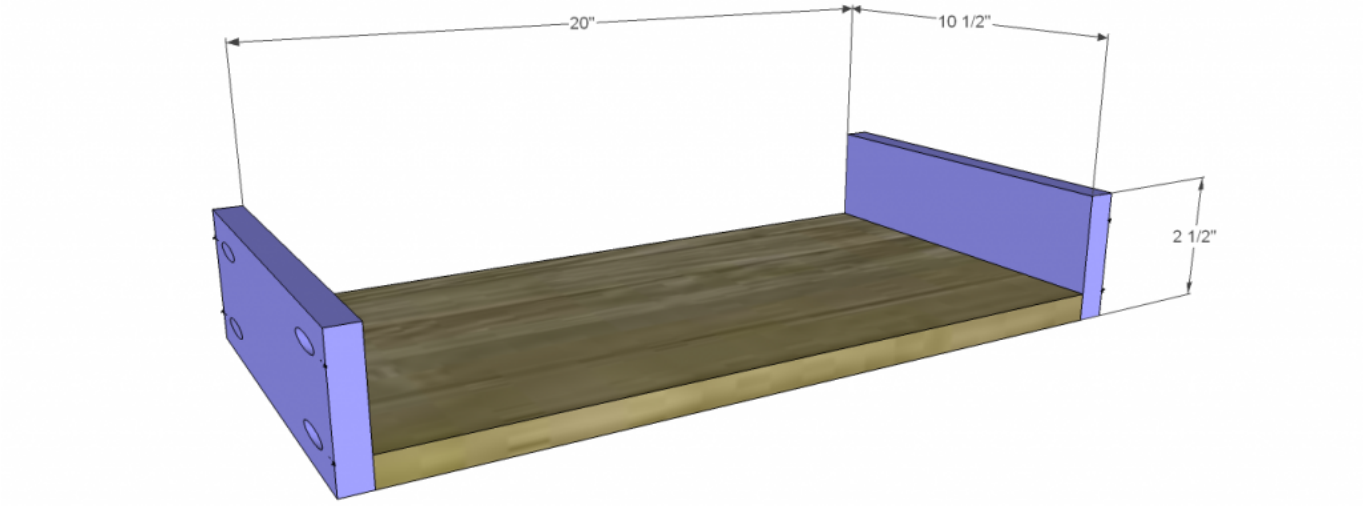
Step Five

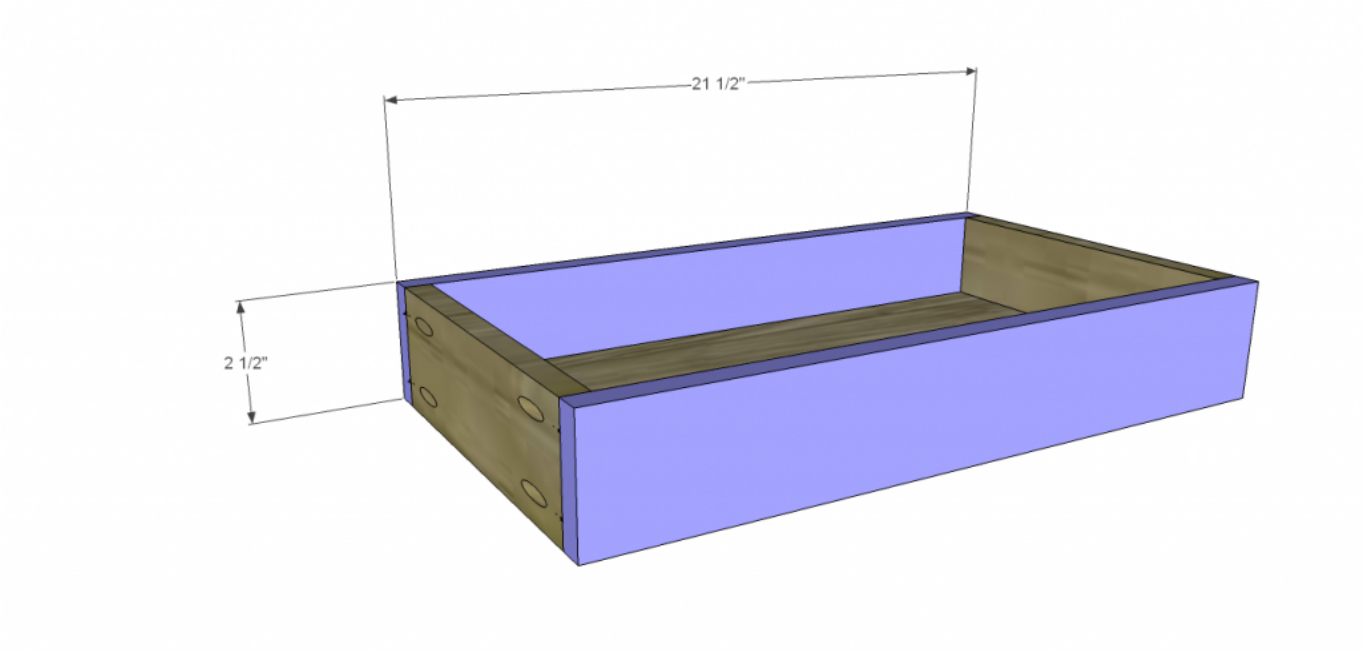
Cut the pieces for the top frame. Set the pocket hole jig for 1-1/2” material and drill pocket holes in each end of the 21” pieces and the 24” pieces. Also drill pocket holes in one end only of the 10-1/2” pieces. Attach the frame pieces to the legs and/or each other using glue and 2-1/2” pocket hole screws. Use the router and the rabbeting bit to cut a rabbet on the inside of the frame and legs approximately 3/8” deep. Use the hammer and chisel to square the corners. Measure the opening on top of the rabbet, then have the glass, acrylic, or Plexiglas cut to fit.



Step Six

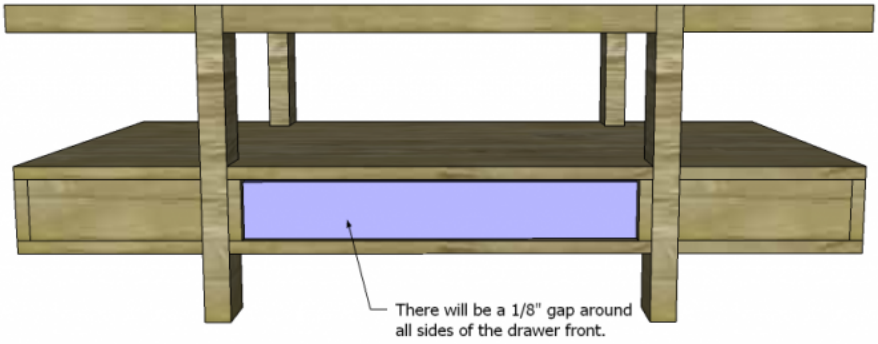
Cut the pieces for the drawer boxes. Set the pocket hole jig for ¾” material and drill pocket holes in each end of the side pieces as well as all four edges of the bottom. Assemble as shown. Install the drawer slides according to the manufacturer’s installation instructions locating them ¾” back from the front edge of the legs, then make any necessary adjustments. There will be a drawer on each side of the table.





Step Seven

Cut the pieces for the drawer fronts. Mark the position for the drawer pulls and drill the holes. Shim the drawer front in the opening (there will be a 1/8” gap around all sides of the front in the opening) then drive screws through the holes for the pulls into the drawer boxes. Open the drawer then secure the front with countersunk 1-1/4” screws from the inside. Make any necessary adjustments then finish drilling the holes for the pulls.



Finish as desired!

The coffee table plans with glass top and drawers are a great way to test your skills if you are just starting out! Easy, yet sophisticated! Contact me at cher {at} designsbystudioc {dot} com with any plan issues… I'm here to help!

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